

Allen County HamNews

Fort Wayne Radio Club

Allen County Amateur Radio Technical Society

October 2001

Volume 2 Issue 10

ACARTS Special Events Station - September 15, 2001

Hello all ACARTS members,

The Special Event station went very well and several local members of both clubs came out and helped. A special thanks to all who came out. The names are too numerous for me to list w/o missing someone. We made a total of 190 contacts, and had many visitors, and questions about Ham Radio. People were very happy for us to be there, in light of what happened earlier in the week. We worked two HF rigs and 2m - 440, and APRS.

The staff of Highland Park Cemetery was very excited to have us there, and stated that we are welcome to return in the future. They were very concerned about our well being, and if we were in a good location for DX.

Once again, thank you every one that contacted us, and that helped out. Also thanks to ACARTS for sponsoring us through the Tech group.

KB9IBW



Additional picture on page 5.

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Got some of that 75 ohm "cable TV" hardline lying around?

Or maybe you saw a great deal on some at that last hamfest, but weren't sure how to put it to use, since all of your rig and your commercial antennas are 50 ohm impedance. Well there is a fairly simple way to converting it for 50 ohm use, at least for the VHF and UHF bands. See the article on page 6.

Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN) and the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN).

Allen County HamNews is produced on a Macintosh 8500 using Adobe PageMaker.

Please send any articles, corrections, for sale notices, etc. to the editor, Victor Guess, WB9UZA, wb9uza@arrl.net. Please put "for newsletter" in the subject line. Text should be plain ASCII, graphics should be JPEG or GIF. For those computer impaired: snail mail to 3311 Sanibel Drive, Fort Wayne, IN, 46815-4755.

**Deadline is the last Friday of the month.
Please do NOT send anything in all caps!!**

Internet Home Pages:

Fort Wayne Radio Club:

<http://www.fortwayneradioclub.org>

ACARTS:

<http://www.acarts.com>

Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

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N9NAI

President's Corner



With the horrific events of September eleventh, it is once again very clear that one of the fundamental reasons for the Amateur Radio Service is emergency preparedness. The clear message here has to "Be Prepared". The fragileness of our wired and wireless communication infrastructure has once again exposed.

After the attack, people everywhere wanted to do something, anything to help fight this unseen enemy. Most went to the Red Cross to donate much needed blood. Ham operators pitched in wherever they could, but most of us could only listen. There is one thing that we should all be doing at this point in time, and that is to make sure that ALL of us are ready if disaster were to strike again.

Begin by asking yourself this question: "Am I prepared to be on the air and provide RELIABLE communications?". This means not only having a source of emergency power, but how about backup antennas and rigs, extra coax, spare parts, flashlights and first aid kits. Don't forget clothing for inclement weather.

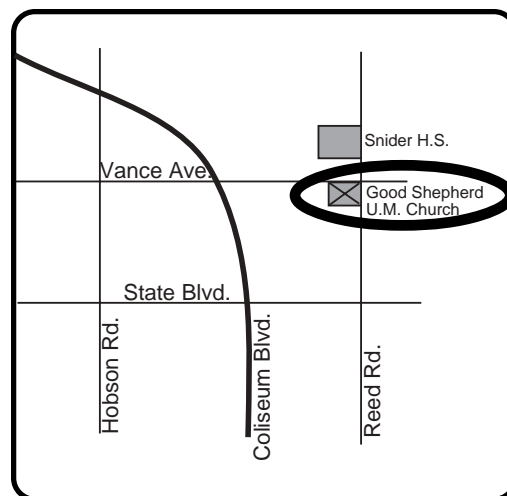
Speaking of emergency communications, don't forget that CW is still the mode that gets through when the copy really gets bad. Even a rusty 5 wpm is far better than nothing when it is desperately needed. Even if you are an extra, it doesn't hurt to bone up on the 'ole brass from time to time.

Please take a few minutes to look over your operating situation and try to plug any gaps in your hardware that may prevent you from helping out when man or nature dishes out their worse. I have, and it is clear that I need to start working on a more reliable and ready shack. The simple things count too, a 12 volt powered desk lamp is one the things I am lacking. A simple analog phone is another.

With preparedness in mind, this month's speaker and subject are right on track. Our speaker is Mr. Ed LaRouche of the Allen County Emergency Preparedness office, and he will be speaking on the state of readiness here in our corner of Indiana. The meeting is to held on October 19th, starting at 6:30 PM. Ed will be doing his presentation first, at 7:00 PM, which will be followed by the regular club meeting.

The primary item of business for the meeting will be the election of club officers for the 2002 calendar year. We have a full slate, but are always looking for people to help out. Nominations are not actually closed until the election, so please consider throwing your hat into the ring!

73, Steve



Oct. Meeting

Friday, Oct. 19, 2001, 7:30 PM
Program: Ed LaRouche,
Allen Co. Emergency
Coordinator; elections



Fort Wayne Radio Club Minutes September 21, 2001

The September, 2001 meeting of the Fort Wayne Radio Club commenced at 7:30 p.m. at the Good Shepherd United Methodist Church. There were about 12 people present and the meeting was hosted by President Steve Nardin.

There were no minutes from the last meeting as it was the mini-hamfest and there was no business meeting.

Treasurer Bob Streeter provided a status of club finances as follows: As of 21 September 2001 the club had year-to-date income of \$2,407.04 and expenses of \$1,916.43. It had \$84.52 cash on hand, \$7,129.96 in checking/savings and had total assets of \$11,548.98 including the estimated value of club property.

Steve Nardin commented on last months mini-hamfest. The weather was great and we had a good turnout. It appears that a fair amount of material transferred base-ments.

Steve also reported that the 146.76 and 440 machines had been damaged in the thunderstorms that passed through Ft. Wayne in August. Thanks to numerous trips to the repeater site by Jim Pliett both machines were repaired and put back into service. (Note that the 440 PA is out of service and the machine is operating on it's exciter, so it's power output is presently in the range of several hundred milliwatts). Steve also announced that the 146.94 autopatch is again fully functional.

Steve announced that the club will start on-the-air code practice using the 146.76 machine starting Tuesday, September 25. The classes will be conducted on Tuesday, Weds. and Thursday evenings starting at 7:00 p.m. and will continue at least until the ACARTS Hamfest.

Steve reported that the Boy Scouts Jamboree on the Air (JOTA) will occur on October 20, 2001. The club has again offered to support this event. However Steve has not yet been able to confirm that the Limberlost facilities will be available for the event.

Bill Hall announced that nominations for club Offices and Board of Directors positions were open in preparation for elections that will occur at the October meeting. At present the slate has the following members interested and willing to run for various positions:

President - Tom Baker
Vice President - Steve Nardin
Secretary - Al Burke

Treasurer - Bob Streeter
Communications Manager - Clint Stedje

Board of Directors - Carole Burke, Larry Temenoff, Wayne Bergamino, Carl Faust, Bill Meints, Jim Pliett and Rich Andrew.



The 50/50 drawing was conducted and \$12.00 were split between the club and lucky winner Rich Andrew. (See, it pays to run for office).

Following the business meeting Bill Hall gave a presentation on the National Traffic System.

Respectfully submitted,

Al Burke, WB9SSE

Kodiak Star Launch Is A Success

From *The ARRL Letter* – Following several delays, the Kodiak Star launch vehicle took off into space from Alaska early Sunday, September 30 UTC. The Athena I rocket boosted three Amateur Radio payloads and PICOSat—a technology demonstration satellite—into orbit. Initial indications were that all satellites deployed properly and were being monitored on the ground. The payloads included the APRS-equipped PCsat, built by midshipmen from the US Naval Academy under the guidance of Bob Bruninga, WB4APR, the acknowledged “father of APRS.”

PCsat is a 1200-baud APRS digipeater designed for use by amateurs using hand-held transceivers or mobiles. PCsat is transmitting 1200 baud AFSK telemetry on 145.825 MHz, but the satellite has not yet been commissioned for general amateur use. “We ask that users please wait while we get the system loaded,” Bruninga said.

PCsat's downlink has been heard around the world, with reports logged from Alaska and Hawaii as well as from South Africa, Europe, Africa and even Antarctica.

Carried into space in addition to PCsat were the Starshine 3 and Sapphire payloads. Starshine3 is a “disco” mirror ball with 9600 baud telemetry on 145.825. Sapphire has 1200-baud telemetry and a voice replay on 437.1 MHz. Starshine 3's mirror ball is visible to the naked eye for earth-bound students to track. Chip Margelli, K7JA, spotted the satellite October 2 on the West Coast. “Starshine was at least as bright as Mars,” he reported. “Very impressive!”

Continued on page 10

STATE OF THE ARTS

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P.O. Box 10342, Fort Wayne, IN

ACARTS Officers

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djones2233@aol.com

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jim.boyer@home.com

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President's Message



This month's meeting is very important as there is a proposal to change the way our club has operated since it was founded. For the last few years we have had a problem with finding people to run for the officer and manager positions for our club. Under current bylaws managers have a limit on the number of terms they can hold their position. But, the officers are prevented from serving more than two (2) consecutive terms. We lose experienced and dedicated people who are willing to serve the club. This is especially critical in a position like the Treasurer, where it may take someone at least two years to get the hang of things. Also all the paper work involved with the clubs accounts. I know that many of you may not be able to devote the time to serve because of other commitments of job conflicts. At last months General meeting, a proposal was put forth and discussed to change the bylaws so that there is no limit to the number of terms an officer can be elected to the same position. This requires an amendment to the Bylaws, and a 2/3 majority vote of the membership. Look for the proposal in the newsletter.

We will still have nominations at the October meeting, and elections in November. All positions are still open for nominations if someone wishes to put their name forward for an office. **As an incentive to increase attendance for this important meeting, we will be giving away a door prize.** We will give away an portable addressable weather radio. This is the type of radio that you program with a county code so that it only goes off when a warning is issued for that county. The board felt that we needed to do this because it is an important vote, and is required by our Bylaws. We also have to file any changes to our Constitution and Bylaws. We want to get as many members as possible at the meeting. We will present the proposed change and have a discussion before we vote on the proposal. We want your input on this very important matter. That's all for now. See you at the meeting.

73, Vic, KA9LTV

ACARTS October Program

The October program will be made up of two parts:

1. The proposed amendment to our By-laws, a discussion of the amendment, and a vote.
2. The nominations of officers and managers for 2002.

Following the business meeting we will have a drawing for the portable addressable weather radio.

73, Vic, KA9LTV

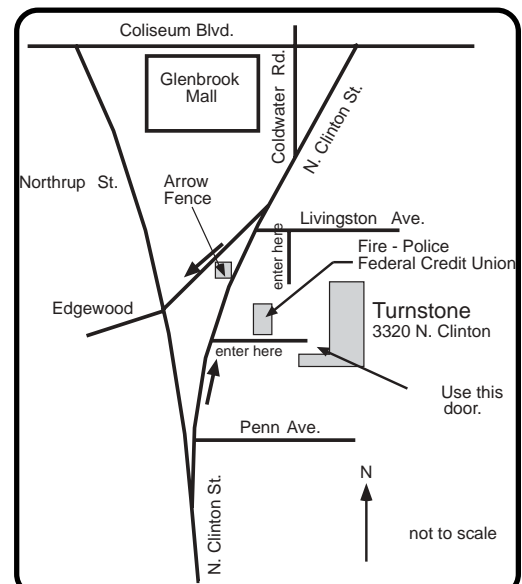
Meeting Schedule

All meetings are at 7:30 PM at Turnstone unless otherwise noted.

Oct. Meeting: Tue. 10/16/01. Program: see above

Board Meeting: 11/13/2001
All members are encouraged to attend.

Tech Committee: TBD



ACARTS Sep. Board Meeting Minutes

The meeting was called to order by Vic, KA9LTV.

Vic reported that he had 10 to 12 responses regarding a trip to the National Weather Service Office. There was no preference between a Tuesday night or Saturday afternoon event, most likely to be in the spring.

Nominations of officers and managers for next year was the next topic. The October general meeting is the official nominating meeting. E-mail nominations and voting were discussed. The idea of amending the constitution to allow existing officers to serve more than two consecutive one year terms was discussed. It was decided that in order to increase attendance at the October meeting, a programmable weather radio will be given as a door prize.

Jim, KB9IH, volunteered to provide the program for the September general meeting.

A motion to adjourn was called by Richard, N9HRA, and seconded by Jim, KB9IH.

Submitted by Dave Lindquist, W9LKH

Silent Keys

Irene Kennedy, WA9EZP (12/9/17 - 9/19/01) - Irene was made a life member of ACARTS because of her early contributions as editor and other offices. She had not been on the air since they moved to an apartment 8 years ago.

Kenneth Hanifan, W9GGQ - Ken was a member of Fort Wayne Radio Club.

ACARTS Special Events Station - September 15, 2001



ACARTS Sep. General Meeting Minutes

The meeting was called to order by Vic, KA9LTV.



Amending the constitution to allow existing officers to serve more than two consecutive one year terms and what was required to accomplish this was the main topic of discussion. Jim, KB9IH, made a motion to amend the constitution by deleting Article II, Section 1, b: "No officer shall be elected to the same office for more than two (2) consecutive terms". The motion was seconded by Vic, WB9UZA, and will be brought to a vote by the membership at the October general meeting.

To increase attendance at the October meeting for nominations and a vote on the constitutional amendment, a programmable weather radio will be given as a door prize.

Howard, N9ADS, reported that the club finances are in good shape and checks are coming in for Hamfest tables.

Emery, KB9IBW, stated that the special events station at the traveling Viet Nam Wall went very well.

A motion to adjourn was called by Howard, N9ADS, and seconded by Dave, W9LKH.

After refreshments, Jim, KB9IH, gave a very interesting and enlightening presentation on "Antenna development from basic transmission line forms."

Submitted by Dave Lindquist, W9LKH

Proposed Change to ACARTS Bylaws

There is a proposal to change the Bylaws in regard to the way officers are elected. This can be found in Article II, Section 1b.

The current Bylaw:

No officer shall be elected to the same office for more than two (2) consecutive terms.

Proposed change:

There is no limit to the number of consecutive terms to which an officer may be elected.

Matching Stubs

Got some of that 75 ohm “cable TV” hardline lying around?

Or maybe you saw a great deal on some at that last hamfest, but weren’t sure how to put it to use, since all of your rig and your commercial antennas are 50 ohm impedance. Well there is a fairly simple way to converting it for 50 ohm use, at least for the VHF and UHF bands.

What you need to do is make up a matching stub! A matching stub is simply a length of 50 ohm RG-8/U solid polyethylene dielectric coax and a simple capacitor in parallel with the 75 ohm hardline (see figure 1).

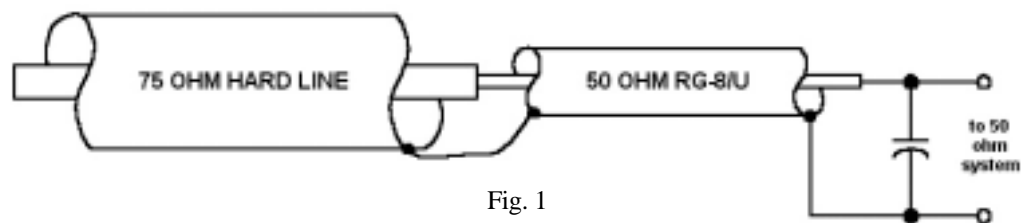


Fig. 1

This simple series matching stub is easy to calculate using a Smith Chart , but for those of you not familiar with the use of a Smith Chart, table I will give you the needed dimensions for the common VHF and UHF bands. The bandwidth of such a matching stub is generally $\pm 5\%$, so if you cut the stub for the center of the band, it should work well over the entire band. Here are the needed dimensions:

Frequency	Length of RG-8/U	Capacitance
52 MHz	56 inches	35 pF
146 MHz	19 1/8 inches	102 pF
222 MHz	12 5/8 inches	154 pF
435 MHz	6 1/2 inches	302 pF

If you use a variable capacitor instead of a fixed one, you can “fine tune” the stub for best match. Note that at the point where the capacitor is attached the VSWR is 1:1, so the voltage across the capacitor is the voltage across the 50 ohm line. For a transmitter of 100 watts, a 50 volt capacitor should give you plenty of safety margin. If you are running higher power (several hundred watts), then a 100 or 200V capacitor would be better.

The biggest headache in doing this will be the connector(s) for the hardline, but a little searching can probably come up with some, or if you want you can try to “manufacture” your own! Just remember that if the connections are out in the weather, they must be well sealed.

So with this information in hand, you can pick up that length of inexpensive, low loss, “scrap” CATV hardline for your home antenna installation!

Thanks to W4VRV and his 1982 article from Ham Radio Magazine for idea for this article.

Don Gagnon WB8HQS

Help For Standard Users

I recently had a very good experience getting a piece of my radio equipment repaired that I thought I should pass on to other hams in the Ft. Wayne area. Several years ago my XYL, Carole-WB9RUS surprised me with a new STANDARD dual band mobile transceiver that she bought for me at the ACARTS hamfest. The rig was beautiful. It has all the bells and whistles that were necessary to keep me happy while mobile.

When the radio developed a problem recently I discovered that STANDARD had gone out of business and no longer offered repair services. After some detective work, I determined that S.A.R. repair services up in St. Joseph, Michigan had taken on repair of STANDARD products (along with several other amateur product lines including Alnico, Icom, Kenwood, Yaesu, Mirage, Radio Shack and Heath).

I got in touch with S.A.R. and discussed the symptoms my rig was exhibiting. They quickly surmised that the vhf vco was sick. I sent the rig up to them and within a few days got an estimate for repair (extremely

reasonable) and I authorized them to proceed and sent them a check for the repairs and return shipping. Several days later the rig was returned in good working order.

Needless to say I was extremely pleased with the service. So I thought I'd pass the contact information along in the newsletter lest anyone out there is having problems with their STANDARD gear. S.A.R.'s contact information is as follows:

S.A.R.
1792 Nash Ave.
St. Joseph, MI 49085
Att: KD8ZB
(616)-429-2334
e-mail "sarts@qtm.net"
web site <http://www.qtm.net/~sarts/sarts.html>

Give them a try if your having a problem with one of the products I mentioned above.

Al Burke, WB9SSE

CORES/FRN "Mass Conversion" Planned For ULS Registrants

from *The ARRL Letter* – Before the switchover to mandatory Commission Registration System (CORES) registration on December 3, 2001, the FCC plans to do a "mass conversion" from its Universal Licensing System (ULS) database.

Once CORES becomes mandatory in December, everyone doing business with the FCC—licensed or not—must obtain and use a 10-digit FCC Registration Number—or FRN. The FCC called the move is "a first step" toward streamlining fee collection and tracking. Many amateurs registered with the ULS were assigned an FRN by CORES in a mass conversion last year. Affected amateurs were notified by mail.

An FCC Wireless Telecommunications Bureau spokesperson told ARRL this week that another mass conversion will be done prior to December. As a result, anyone who has registered a Taxpayer Identification Number—typically an individual's Social Security Number—with the FCC will be assigned an FRN, which will appear in the FCC amateur database.

The requirement to obtain an FRN extends to applicants for an Amateur Radio license as well as to anyone required to pay a fee to the FCC, such as those applying for a vanity call sign. An FRN will not be needed to file comments in rulemaking proceedings, however.

Amateur Service licensees not already registered in the ULS are encouraged to register their TINs soon, to save the step of a second CORES registration after December 3. To register, visit the FCC's ULS Web site <<http://www.fcc.gov/wtb/uls>> and click on "Register TIN/Call Sign." (NOTE: The Universal Licensing System will be down for scheduled maintenance from 10 PM Eastern Time Friday, October 5, until 8 AM Eastern Time Monday, October 8.)

The FCC established CORES last year and has been in the process of implementing it. The FCC's Wireless Telecommunications Bureau concedes that a lot of issues remain undecided regarding how CORES/FRN will work for the Amateur Service. For more information on CORES/FRN, visit the FCC CORES Web site <<https://svartifoss2.fcc.gov/cores/CoresHome.html>>.



**Fort Wayne Hamfest and Computer Expo
Indiana State A.R.R.L. Convention
November 17 - 18, 2001, Fort Wayne, Indiana**

The 29th Annual Fort Wayne Hamfest & Computer Expo and Indiana State A.R.R.L. Convention, sponsored by the Allen County Amateur Radio Technical Society (AC-ARTS), will be held at the Allen County War Memorial Coliseum at the corner of Indiana 930 (Coliseum Blvd.) and Parnell Ave. Open to the public 9:00 A.M. - 4:00 P.M. EST on Saturday and 9:00 A.M. - 3:00 P.M. EST on Sunday. Vendor setup is Friday evening and Saturday morning. Admission is only \$5.00 (good for both days) at the door only. Parking is \$3.00. There are over 1000 commercial and flea market tables (152,000 sq. ft.), all under one roof, containing both new and used radio, computer, and general electronics items. **Our guest speaker this year will be FCC Special Council for Amateur Radio Enforcement, Riley Hollingsworth.** Vendors include several International ham equipment manufacturers. Activities will include many forums and meetings and VE testing on Saturday. Shuttle bus service provided to and from commuter airport (Smith Field) and shopping centers. Talk-in on 146.88(-). For more information leave a message on the answering machine at (219) 483-8163 (tables) or (219) 484-1314 (general information) and you will be contacted. You can also send an SASE to AC-ARTS / Fort Wayne Hamfest, P.O. Box 10342, Fort Wayne, Indiana 46851, or visit our World Wide Web site at <http://www.acarts.com>.

YK9A - Behind The Scenes #5

The YK9A ops: Even though none of us had met before, we truly worked together as a team to pull this off. And we had a great time, too. Here are my comments on the YK9A ops.

Al K7AR was our leader. He was with the November 1994 YK0A DXpedition, so he knew who to contact, knew our general operating conditions, knew where to stay, etc. He worked part-time as a radio announcer in college, and would entertain us by breaking into "announcer voices" at times. Thank goodness he didn't do it when he was on SSB. When the phone rang in the operating room, he'd sometimes answer in his best President Clinton voice (knowing that it was probably Omar YK1AO). He was fond of good-naturedly harassing Omar.

Dick N7RO was our most seasoned DXpedition team member. He mostly did CW. He and I seemed to be up on the roof a lot working on antennas. He brought his video camera, and he's sending out a tape to all of us.

Lee VE7CC was our iron man (no, not like the Three Rivers Festival ironman contest). He made about one third of our 26,000 Qs. If he wasn't at one of the rigs, we'd worry that something was wrong. Darn good operator. He was equally adept with CW and SSB, but did mostly CW. He's done quite a bit of contesting from VE6 and VE7 contest stations.

Melissa VA7MI is Lee's wife. The best way to describe her is "free spirit". She turned into our gopher, and thought nothing of taking a taxi to the market place in old Damascus by herself (no knowledge of Arabic, and French limited to oui, bon jour, and merci) to chase something down for us. Although she had no interest in operating, she did make a handful of Qs on 6m toward the end of the operation. When we would ask Lee where Melissa was, the usual answer was a shrug of his shoulders and "I don't know".

Bob W4DR was our low band guy. He's a retired dentist, and has been to several third-world African countries helping with dental issues. His passion was 160m and 80m, and he's what we needed to make as many Qs as we did on the low bands. BTW, he just won the ARRL's DeSoto Cup (to be presented at the Dayton DX Dinner Friday night) and was just elected to the CQ DX Hall of Fame.

Rosalie N4CFL is Bob's wife. She made about 900 Qs on SSB. She's been with Bob to many Third World countries, so not much surprised her.

Jim W4PRO is Bob's friend. He teamed with Bob to do most of the low band operating. I was very glad that Bob and Jim, along with sporadic help from Lee and Dick, took the night shift.

Vicky AE9YL topped the YLs with about 1200 SSB Qs. I'm happy to report that she did very well, and it was obvious her ZF2YL operating helped. I think I even heard her raise her voice once or twice when the EU pileup got rowdy.

And finally, me. I made enough Qs to make me happy (mostly on CW on 20m, 17m, 15m, 12m, and 10m). I did enjoy excursions to 10m SSB after North America sunrise to work W/VEs. I also enjoyed trying to fix the minor problems that came up.

Ops that didn't make it - Al K3VN expressed an interest in joining us, but we heard nothing from him after the initial exchange of e-mails. Bob G4VGO was all set to join us (with an FT1000MP, laptop, and amp), but had his passport stolen a day or two before we were to meet in Paris - not being able to get fast turnaround on a Syrian visa did him in. And Ali JY4NE showed up one day, but the YK authorities wouldn't let him operate (I still don't understand what that was all about).

Carl K9LA

Regional Hamfests

<u>Date</u>	<u>Location</u>	<u>Contact Phone</u>	<u>URL or E-mail</u>
14 Oct 2001	Lansing, MI	517-676-2710	http://www.qsl.net/lcdra/hamfair.org.html
21 Oct 2001	Warren, MI	810-791-4669	http://www.useca.org
21 Oct 2001	Kalamazoo, MI		http://www.qsl.net/k8blo/hamfest.htm
28 Oct 2001	Massillon, OH	330-837-3091	http://www.qsl.net/w8np
4 Nov 2001	Benton Harbor, MI	616-982-0404	http://www.comdac.com/bara
17-18 Nov	Fort Wayne, IN	219-484-1314	http://www.fortwaynehamfest.com
24 Nov 2001	Evansville, IN	812-479-5741	http://w9ear.org/hamfest.htm
9 Dec 2001	Greenfield, IN		kb9vzl@excite.com

For more complete information go to <http://www.acarts.com/hamfests.htm>.

VEC Schedule

11-Oct-2001
 Sponsor: GOSHEN ARC
 Time: 7:00 PM (Walk-ins allowed)
 Contact: LYLE L LONG (219)875-8455
 VEC: ARRL/VEC
 Location: GRENCROFT RETIREMENT
 CENTER

HOMAN BUILDING
 GRENCROFT BLVD
 GOSHEN, IN 46525

27-Oct-2001
 Sponsor: VAN WERT VE GROUP
 Time: 2:00 PM (Walk-ins allowed)
 Contact: ROBERT E HIGH (419)795-5763
 VEC: ARRL/VEC
 Location: EMA BLDG 1220 EAST RIDGE RD
 PRE-REGISTRATION PREFERRED
 VAN WERT, OH 45891

03-Nov-2001
 Sponsor: UNSPONSORED
 Time: 9:00 AM (Walk-ins allowed)
 Contact: WILLIAM C HALL (219)485-3995
 VEC: W5YI VEC
 Location: ALLEN COUNTY LIBRARY
 GEORGETOWN BRANCH 6600 E STATE BLVD
 COMMUNITY ROOM
 FORT WAYNE, IN 46815

17-Nov-2001

Sponsor: FORT WAYNE HAMFEST
 Time: 9:00 AM (Walk-ins allowed)
 Contact: WILLIAM C HALL (219)485-3995
 VEC: W5YI VEC
 Location: ALLEN COUNTY WAR MEMORIAL COL
 400 PARNELL AVENUE
 FORT WAYNE, IN 46802

24-Nov-2001

Sponsor: W5YI-VEC — WHITLEY COUNTY ARC
 Time: 9:00 AM (Walk-ins allowed)
 Contact: ROGER L MC ENTARFER (219)691-3009
 VEC: W5YI VEC
 Location: WHITLEY COUNTY JAIL
 BASEMENT MEETING ROOM 101 W MARKET ST
 - SUITE C
 N9QCL@ARRL.NET
 COLUMBIA CITY, IN 46725

24-Nov-2001

Sponsor: VAN WERT VE GROUP
 Time: 2:00 PM (Walk-ins allowed)
 Contact: ROBERT E HIGH (419)795-5763
 VEC: ARRL/VEC
 Location: EMA BLDG 1220 EAST RIDGE RD
 PRE-REGISTRATION PREFERRED
 VAN WERT, OH 45891

For Sale & Wanted

For Sale: MFJ-1798 Vertical antenna.
 Covers 2-80 m. Minor damage, \$125.00

Jim, KB9DOT 219-485-8559,
 jimandkim@juno.com

For Sale: 50 foot Rohn 25G tower with
 guy cables, \$200; TA-33 HF beam, \$150;
 16-LBX 2m beam, \$100. Will deliver within reasonable dis-
 tance. ND9Tim, 484-5833 or tkearney@alumni.nd.edu

Xircom model PEPS-10BT(AM) pocket Ethernet Print Server.
 Allows you to attach a printer directly to your Ethernet \$5.
 Vic, WB9UZA, 219-485-7472, wb9uza@arrl.net

NOTE: For Sale & Wanted items will be listed for 2 months only
 unless the ad is resubmitted. If you sell an item the first month,
 please contact the editor so the item can be removed.

Kodiak Star – Continued from page 3

Sapphire is a joint effort between the Naval Academy's
 Small Satellite Program, Stanford University and Wash-
 ington University at St. Louis. Starshine is a NASA pay-
 load.

The Kodiak Star launch—the first orbital mission from the
 Kodiak launch complex—had to be delayed several times—
 most recently due to high solar flare activity this past week.
 Earlier delays resulted from unsuitable weather conditions,
 a problem with a tracking radar, and travel delays because
 of the recent air traffic shutdown following the September
 11 terrorist attacks.

For more information, visit the PCsat Web site, <<http://web.usna.navy.mil/~bruninga/pcsat.html>>. For more infor-
 mation on Sapphire, visit the Stanford University Space
 Systems Development Laboratories Web site, <http://ssdl.stanford.edu/aa/projects/squirt1/sapphire_overview.html>. The Starshine Web site is <<http://www.azinet.com/starshine/>>“

Membership Application for ☐ FWRC - or - ☐ ACARTS (check one)

Name: _____ Call sign: _____ License class: _____

Street address: _____ City: _____

State: _____ ZIP: _____ -⁴ Phone #: (____) _____ - _____ Unlisted? ☐ Yes

Email address: _____ ARRL Member? ☐ Yes

Fort Wayne Radio Club Dues

Regular membership ☐ \$15.00 / year

Family membership ¹ ☐ \$21.00 / year

Student membership ² ☐ \$6.00 / year

Associate membership ³ ☐ \$15.00 / year

(Memberships for Jul - Dec are 1/2 the stated amounts.)

1. Please list all names and calls on an attached sheet.

2. K-12 or full time student

A.C.A.R.T.S. Dues

Regular membership ☐ \$12.00 / year

Additional family members ¹ ☐ \$6.00 / year

Student membership ² ☐ \$6.00 / year

Associate membership ³ ☐ \$6.00 / year

(New Regular memberships are \$1/month)

3. unlicensed member

4. 9 digit ZIP code required for US bulk mail

May we list your name, call & email address in our membership roster and on our club web site? ☐ Yes ☐ No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. How would you like your newsletter delivered? ☐ by snail mail ☐ download from web site.

Please attach a check (number _____) for the appropriate amount and bring to a club meeting or mail to:

Fort Wayne Radio Club
PO Box 15127
Fort Wayne, IN 46885

A.C.A.R.T.S.
PO Box 10342
Fort Wayne, IN 46851

For dual membership, fill out both sides and send 2 checks to either club.

ACARTS Voice Repeaters

146.880 (-) General use / Skywarn priority

147.255 (+) General use / Autopatch priority

443.800 (+) General use

(All repeaters have autopatch, but 88 has only speed dial emergency #'s.)

ACARTS Digital Repeaters (digipeaters)

144.390 (s) APRS - wide

145.010 (s) General use, NETROM (FWA) - wide

223.660 (s) BBS use ONLY NETROM (FWA220) - wide

Fort Wayne Radio Club Repeaters

Voice: 146.76 (-) General use; (2 sec. initial keyup delay)

146.94 (-) General use with autopatch

146.91 (-) Autopatch only

444.875 (+) General use

ATV: 439.25 In, 910.250 Out, 144.340 Audio & control

Area Traffic Nets

(please submit any changes or corrections to the editor)

IMO: meets nightly at 6:30 p.m. (2330 UTC) on 146.88

Area Traffic Nets - Continued

Auburn: meets Mon., Tue., Wed., Thur., Fri., & Sat. at 6 p.m. (2300 UTC) on 147.015+

21 Repeater Group: meets each Wednesday at 9 p.m. (0200 UTC) on 147.150

Miscellaneous Nets

Huntington ARES: Saturday at 8:00 p.m. (0100 UTC) on 146.685

Whitley Co./ARES: Wednesdays at 7:15 p.m. (0015 UTC) on 145.270
(Note 131.8 PL disabled for all nets)

Whitley Co. Sunday: Sundays at 7:45 p.m. (0045 UTC) on 444.550
+. (The 146.460 simplex crossbanding from both nets has been dropped.)

Sloppy Code Net: Sundays at 9 p.m. (0200 UTC) on 40M (7.1405 MHz). This CW net's purpose is to build confidence and help increase code speed. The speed is generally 1-10 WPM. If you want to copy only contact Henry, KA9ZNN at 749-8968 for details..

Six Meter AM net (informal): Every Saturday night at 7:00 p.m. and Sunday at 8:30 p.m. on 50.580 MHz.